

### **Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application:

#### **Listing of Claims:**

Claims 1 – 30 (cancelled)

#### **Second set of claims:**

Claim 31 (New): A process for preventing or treating a neurointoxication in a human patient, the process comprising administering to the patient via inhalation a medicament in which all or a part of the medicament comprises a gaseous mixture containing xenon gas and nitrous oxide gas, the volume proportion of xenon being between 5% and 45% and the volume proportion of nitrous oxide being between 10% and 50%.

Claim 32 (New): The process of claim 31, wherein the neurointoxication results from a cerebral excess of one or more neurotransmitters.

Claim 33 (New): The process of claim 31, wherein the gaseous mixture containing xenon and nitrous oxide acts on at least one cerebral receptor so as to reduce the release and/or the effects of dopamine, glutamate, serotonin, taurine, GABA, noradrenalin and/or any other neurotransmitter.

Claim 34 (New): The process of claim 31, wherein the remainder of the gaseous mixture is oxygen.

Claim 35 (New): The process of 31, wherein the volume proportion of xenon is between 20% and 40% and the volume proportion of nitrous oxide is between 10% and 40%.

Claim 36 (New): The process of claim 31, wherein the volume proportion of xenon is between 20% and 32% and the volume proportion of nitrous oxide is between 20% and 40%.

Claim 37 (New): The process of claim 36, wherein the volume proportions of xenon and nitrous oxide are each about 30%.

Claim 38 (New): The process of claim 31, wherein the volume proportion of xenon is between 10% and 20% and the volume proportion of nitrous oxide is between 40% and 50%.

Claim 39 (New) The process of claim 38, wherein the volume proportion of xenon is about 16% and the volume proportion of nitrous oxide is about 50%.

Claim 40 (New): The process of claim 31, wherein the medicament also contains oxygen, an oxygen/nitrogen mixture or air, and the gaseous mixture preferably consists of xenon and nitrous oxide, the remainder being oxygen.

Claim 41 (New): The process of claim 31, wherein the medicament is ready-to-use.

Claim 42 (New): The process of claim 31, wherein the neurointoxication is of the type giving rise to a state of addiction.

Claim 43 (New): A gaseous inhalable medicament for the prevention or treatment of addiction, wherein the medicament comprises from 5% to 35% by volume of xenon and from 10% to 50% by volume of nitrous oxide.

Claim 44 (New): The gaseous inhalable medicament of claim 43, further comprising oxygen.

Claim 45 (New): The gaseous inhalable medicament of claim 44, wherein the medicament consists of from 20% to 32% by volume of xenon and from 20% to 40% of nitrous oxide, with the remainder being oxygen.

Claim 46 (New): The gaseous inhalable medicament of claim 43, wherein the volume proportions of xenon and of nitrous oxide are each about 30%.

Claim 47 (New): The gaseous inhalable medicament of claim 43, wherein the medicament consists of from 10% to 20% by volume of xenon and from 45% to 50% of nitrous oxide, the remainder being oxygen.

Claim 48 (New): The gaseous inhalable medicament of claim 47, wherein the addiction being treated is drug addiction.

Claim 49 (New): The gaseous inhalable medicament of claim 47, wherein the volume proportion of xenon is about 16% and the volume proportion of nitrous oxide is about 50%.

Claim 50 (New): A process for preventing or treating addiction comprising administering to the patient via inhalation a medicament in which all or a part of the medicament comprises a gaseous mixture containing xenon gas and nitrous oxide

gas, the volume proportion of xenon being between 5% and 45% and the volume proportion of nitrous oxide being between 10% and 50%.

Claim 51 (New): The process of claim 50 wherein the addiction being treated is drug addiction.

Claim 52 (New): The process of claim 50 wherein the addiction being treated is addiction to amphetamines and derivatives thereof, cocaine, tobacco, alcohol, cannabis or other dependency-generating substances.

Claim 53 (New): A process for the manufacture of all or part of an inhalable medicament for preventing or treating a neurointoxication in a human patient, the process comprising preparing a gaseous mixture that contains xenon gas and nitrous oxide gas with the volume proportion of xenon being between 5% and 45% and the volume proportion of nitrous oxide being between 10% and 50%.